

Contents of Volume 41

Number 1

- Influence of Production System on Carcass Characteristics of F₁ Wagyu × Angus Steers and Heifers B. P. BARKER, W. L. MIES, J. W. TURNER, D. K. LUNT & S. B. SMITH (USA)
- 7 Determinants of Tenderisation in Beef Longissimus dorsi and Triceps brachii Muscles G. H. GEESINK, P. A. KOOLMEES, H. L. J. M. VAN LAACK & F. J. M. SMULDERS (The Netherlands)
- 19 The Use of Oxygen Scavengers to Prevent the Transient Discolouration of Ground Beef Packaged Under Controlled, Oxygen-depleted Atmospheres C. O. GILL & J. C. McGINNIS (Canada)
- Organ Weights, Muscle Composition and Fatty Acid Profiles in Lambs Fed Salbutamol: Effect of a 5-Day Withdrawal Period E. SOTA, A. S. DEL BARRIO, M. A. GARCIA-CALONGE, M. P. PORTILLO, I. ASTIASARÁN & A. J. MARTINEZ (Spain)
- 37 Sorbic Acid Stability in Meat Products of Reduced Water Activity C. A. CAMPOS, S. M. ALZAMORA & L. N. GERSCHENSON (Argentina)
- 47 Implant and Biological Type Effects on Beef Carcass Characteristics
 C. R. KERTH, M. F. MILLER, B. L. OWEN, B. H. BROPHY & C. B. RAMSEY (USA)
- Potential Interactions Between the Effects of Preslaughter Stress and Post-mortem Electrical Stimulation of the Carcasses on Meat Quality in Pigs P. D. WARRISS, S. N. BROWN, G. R. NUTE, T. G. KNOWLES, J. E. EDWARDS, A. M. PERRY & S. P. JOHNSON (UK)
- Fatty Acids in Carcass Fat of Steers Treated With a β-Adrenergic Agonist Individually or in Combination with Trenbolone Acetate + Oestradiol-17β
 E. C. WEBB & N. H. CASEY (South Africa)
- 77 Differences in the Electrophoretic Patterns of Soluble Pork Proteins as a Consequence of Pig Rearing Conditions Gy. HAJÓS, B. MÁTRAI, E. SZERDAHELYI & F. ŐRSI (Hungary)
- 89 Effects of Live Animal Performance and Hemoglobin Level on Special-fed Veal Carcass Characteristics L. L. WILSON, C. L. EGAN, W. R. HENNING, E. W. MILLS & T. R. DRAKE (USA)

Research Note

97 An Efficient Method for the Isolation of Intramuscular Collagen N. C. AVERY & A. J. BAILEY (UK)

Number 2

- 101 Welfare of Calves—1. Investigations into some Aspects of Calf Slaughter M. H. ANIL, J. L. MCKINSTRY, S. B. WOTTON & N. G. GREGORY (UK)
- 113 Welfare of Calves—2. Increase in Vertebral Artery Blood Flow Following Exsanguination by Neck Sticking and Evaluation of Chest Sticking as an Alternative Slaughter Method M. H. ANIL, J. L. MCKINSTRY, N. G. GREGORY, S. B. WOTTON & H. SYMONDS (UK)

- Post-natal Changes in the Biological Characteristics of Semitendinosus Muscle in Male Limousin Cattle
 C. JURIE, J. ROBELIN, B. PICARD & Y. GEAY (France)
- The Value of Carcass Weight, Fat Depth Measures and Eye Muscle Area for Predicting the Percentage Yield of Saleable Meat in Australian Grass-fed Beef Carcasses for Japan D. L. HOPKINS & A. H. K. ROBERTS (Australia)
- 147 Effects of Pre-slaughter Administration of Antifreeze Proteins on Frozen Meat Quality S. R. PAYNE & O. A. YOUNG (New Zealand)
- 157 Measurement of the Components in Meat Patties by Near Infrared Reflectance Spectroscopy E. K. OH (Korea) & D. GROßKLAUS (Germany)
- Alteration of Post-mortem Ageing in Beef by the Addition of Enzyme Inhibitors and Activators A. D. ALARCON-ROJO (Mexico) & E. DRANSFIELD (France)
- Dried Sausages Fermented with Staphylococcus xylosus at Different Temperatures and with Different Ingredient Levels—Part I. Chemical and Bacteriological Data L. H. STAHNKE (Denmark)
- Dried Sausages Fermented with Staphylococcus xylosus at Different Temperatures and with Different Ingredient Levels—Part II. Volatile Components L. H. STAHNKE (Denmark)
- 211 Dried Sausages Fermented with Staphylococcus xylosus at Different Temperatures and with Different Ingredient Levels—Part III. Sensory Evaluation L. H. STAHNKE (Denmark)
- 225 Comparative Study of Two Classifications of Muscle Fibres: Consequences for the Photometric Determination of Glycogen According to Fibre Type in Red and White Muscle of the Pig X. FERNANDEZ, L. LEFAUCHEUR & M. ČANDEK (France)

Number 3

- 237 Dietary Vitamin E Supplementation and Discoloration of Pork Bone and Muscle Following Modified Atmosphere Packaging M. C. LANARI, D. M. SCHAEFER & K. K. SCHELLER (USA)
- 251 Levels of Calpain and Calpastatin in Meat Subjected to High Pressure N. HOMMA, Y. IKEUCHI & A. SUZUKI (Japan)
- 261 Effect of Gamma Radiation on Levels of α-Tocopherol in Red Meats and Turkey
 L. LAKRITZ, J. B. FOX JR., J. HAMPSON, R. RICHARDSON, K. KOHOUT & D. W. THAYER (USA)
- 273 Ultrastructure of Mechanically Tenderised Pork Muscle I. TYSZKIEWICZ & A. JAKUBIEC-PUKA (Poland)
- Determination of Phospholipid Content of Intramuscular Fat by Fourier Transform Infrared Spectroscopy
 H. VILLÉ, G. MAES, R. DE SCHRIJVER, G. SPINCEMAILLE, G. ROMBOUTS & R. GEERS (Belgium)
- 293 Impact of Salt, Phosphate and Temperature on the Effect of a Transglutaminase (F XIIIa) on the Texture of Restructured Meat G. S. NIELSEN, B. R. PETERSEN & A. J. MØLLER (Denmark)
- 301 Binding Properties and Colour of Bologna Sausage Made with Varying Fat Levels, Protein Levels and Cooking Temperatures
 J. CARBALLO, N. MOTA, G. BARRETO & F. JIMÉNEZ COLMENERO (Spain)
- Presence of an Unidentified Myosin Isoform in Certain Bovine Foetal Muscles B. PICARD, H. GAGNIÈRE, J. ROBELIN, F. PONS & Y. GEAY (France)
- Modification of Physico-chemical and Colour Parameters During the marketing of 'Paté' F. PERLO, A. GAGO-GAGO (Spain), M.ROSMINI (Argentina), R. CERVERA-PEREZ, J. PEREZ-ALVAREZ, M. PAGAN-MORENO, F. LOPEZ-SANTOVENA & V. ARANDA-CATALA (Spain)
- 335 Effect of Muscle Type and Food Deprivation for 24 Hours on the Composition of the Lipid Fraction in Muscles of Large White Pigs X. FERNANDEZ, J. MOUROT, A. MOUNIER & P. ECOLAN (France)

- 345 Estimation of the Muscle to Bone Ratio of the Bovine Pelvic Limb using a Morphometric Method E. LAVILLE, T. ASTRUC, V. MARTIN & J. BOUSSET (France)
- 357 Characteristics of Lamb Carcasses of Contrasting Subjective Muscularity R. W. PURCHAS & G. H. WILKIN (New Zealand)
- Effect of Electrical Stimulation on Post Mortem Biochemical Characteristics and Quality of Longissimus dorsi thoracis Muscle from Buffalo (Bubalus bubalis)
 G. J. D. SOARES & J. A. G. ARÊAS (Brazil)
- 381 Book Review
- 383 Errata

